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16179 U.S.PTO**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**22389 U.S.PTO
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Applicant: Takao NAKAZAKI et al.

Title: SENSOR DEVICE

Appl. No.: Unassigned

Filing Date: October 31, 2003

Examiner: Unassigned

Art Unit: Unassigned

**UTILITY PATENT APPLICATION
TRANSMITTAL**

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Takao NAKAZAKI
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Mitsuo HATADA
Kazuaki MIYAMOTO
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Kazushi TANASE
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Enclosed are:

- [X] Application Data Sheet (37 CFR 1.76) (5 pages).
- [X] Preliminary Amendment (4 pages).
- [X] Specification, Claims, and Abstract (36 pages).
- [X] Formal drawings (17 sheets, Figures 1-12, 13A-13D, and 14-17).

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The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$770.00	\$770.00
Total Claims:	11	- 20	= 0	x \$18.00	= \$0.00
Independents:	1	- 3	= 0	x \$86.00	= \$0.00
If any Multiple Dependent Claim(s) present:			+ \$290.00	= \$0.00	
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration and late payment of filing fee			+ \$130.00	= \$130.00	
			SUBTOTAL:	=	\$900.00
[]		Small Entity Fees Apply (subtract ½ of above):		=	\$0.00
			TOTAL FILING FEE:	=	\$900.00

- [] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [X] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By 

Date October 31, 2003

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